

# Experimental Set-up

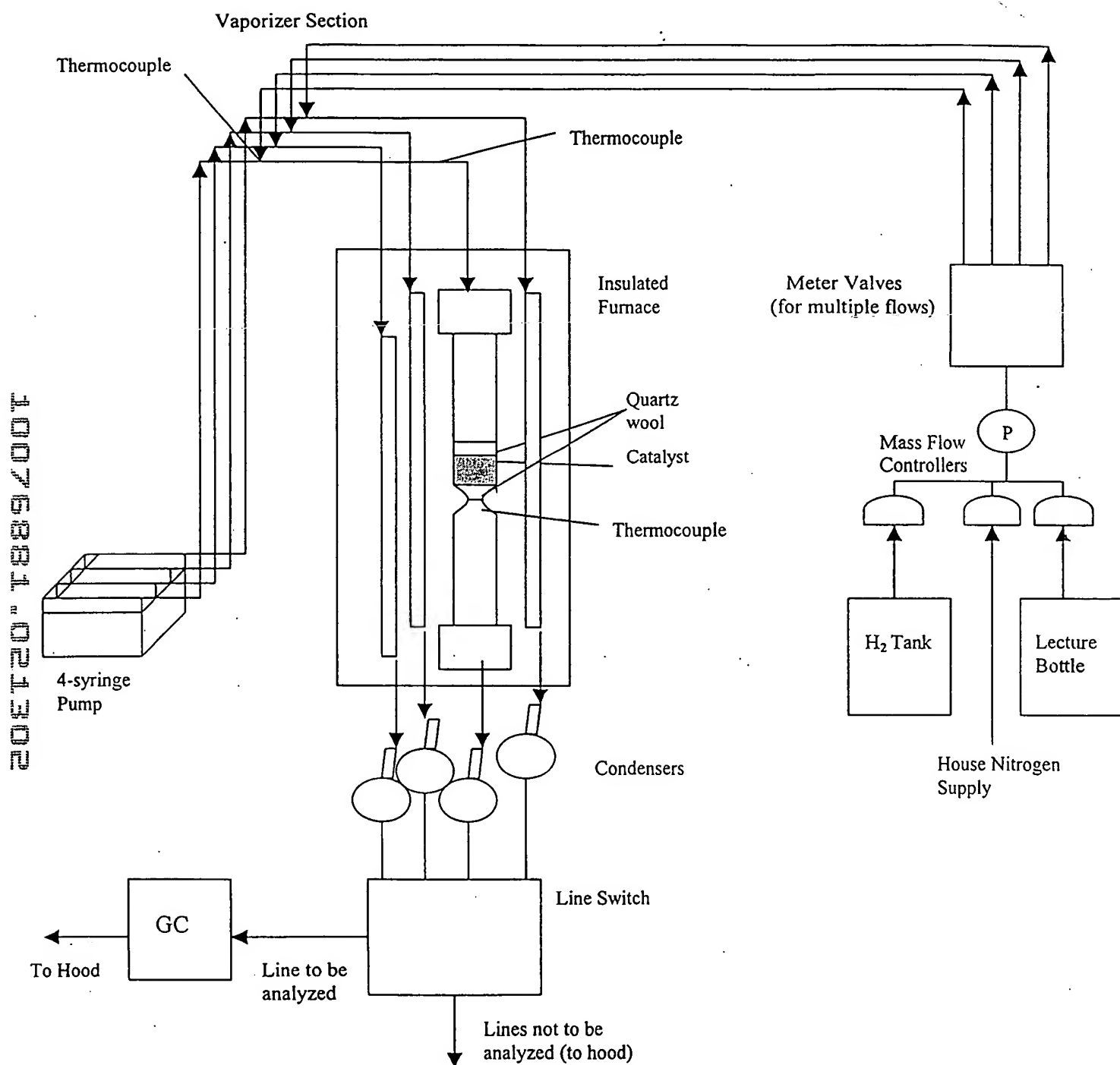


Fig. 1

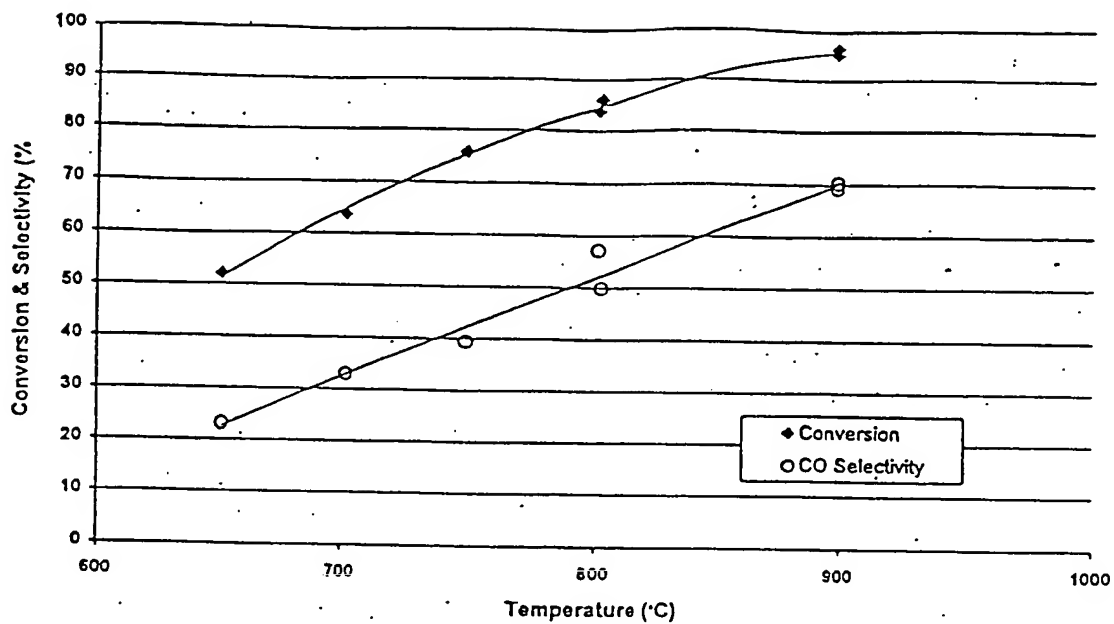


Fig. 2

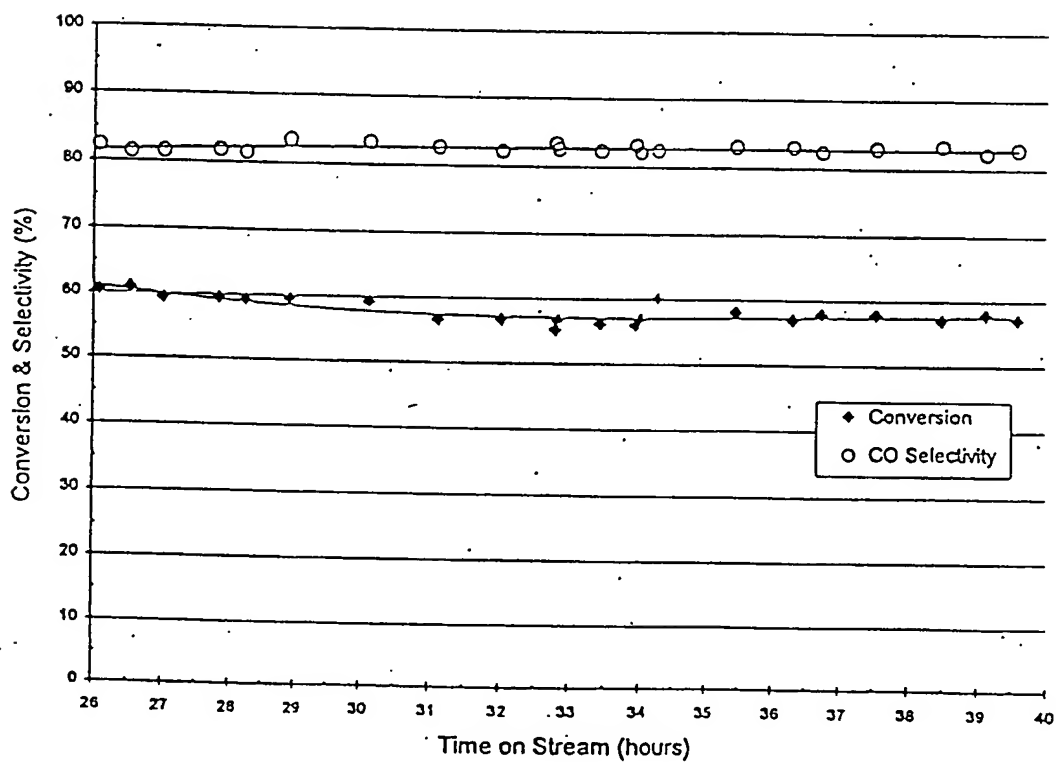


Fig. 3

20251220-18891007

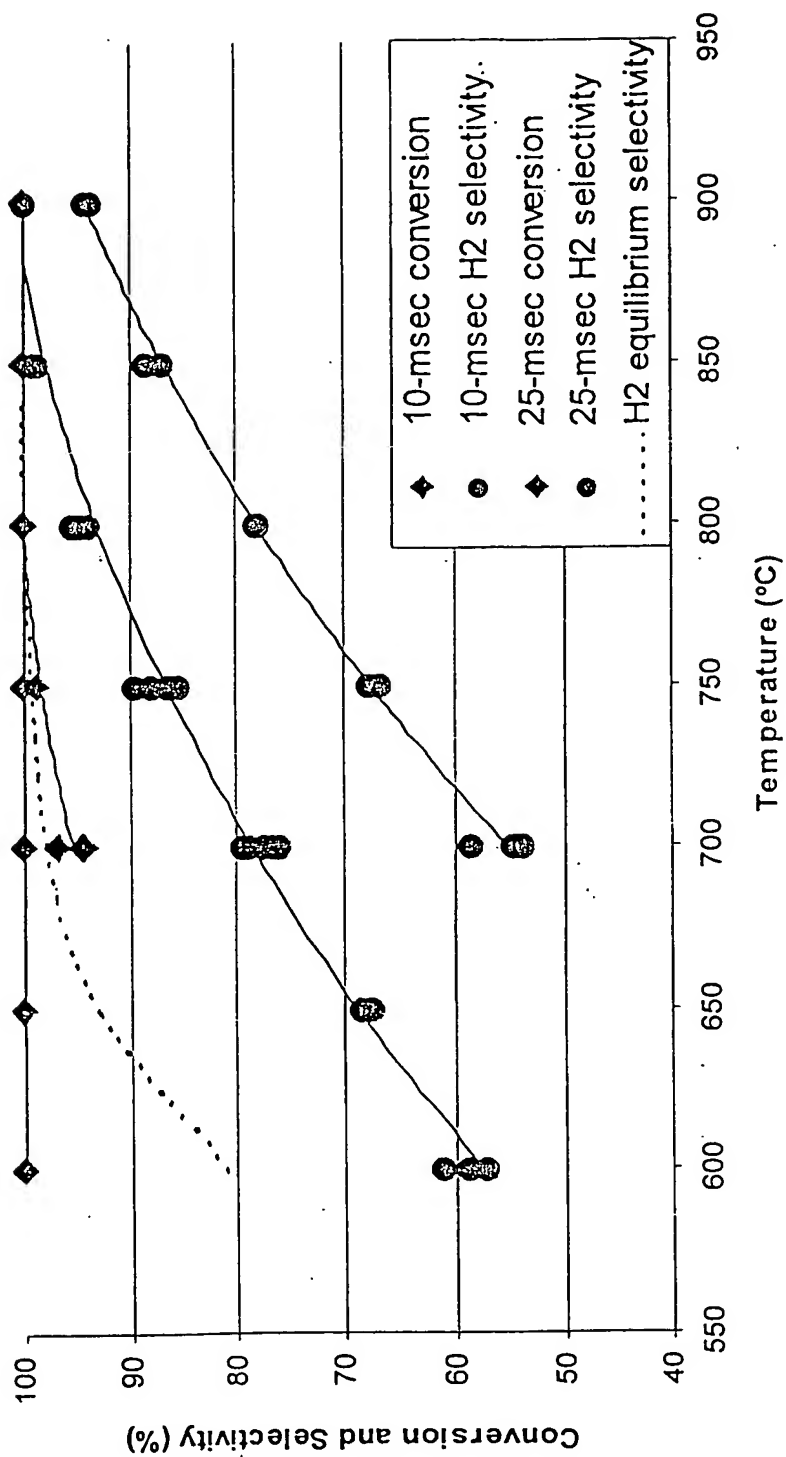


Fig. 4

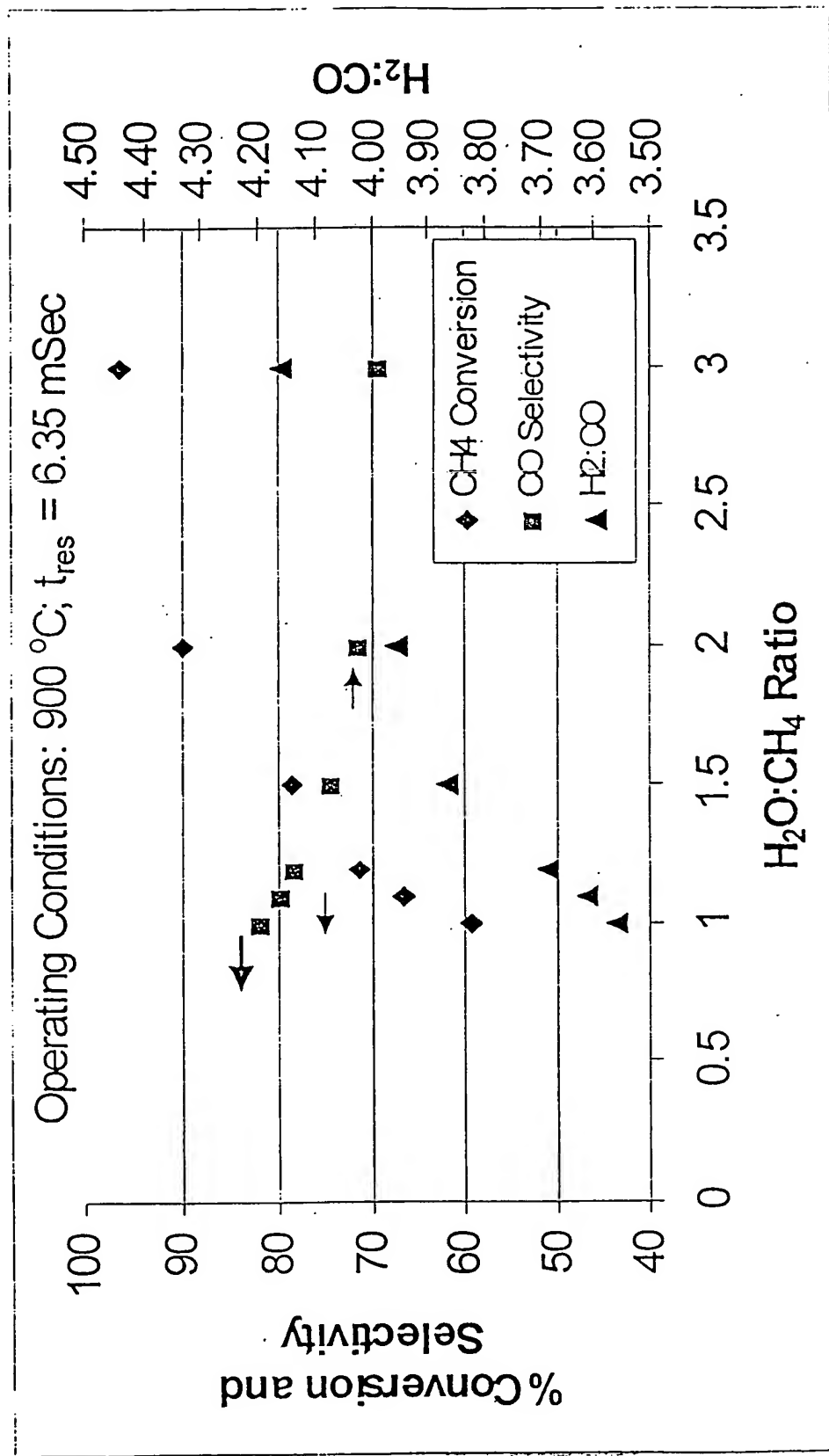


Fig. 5

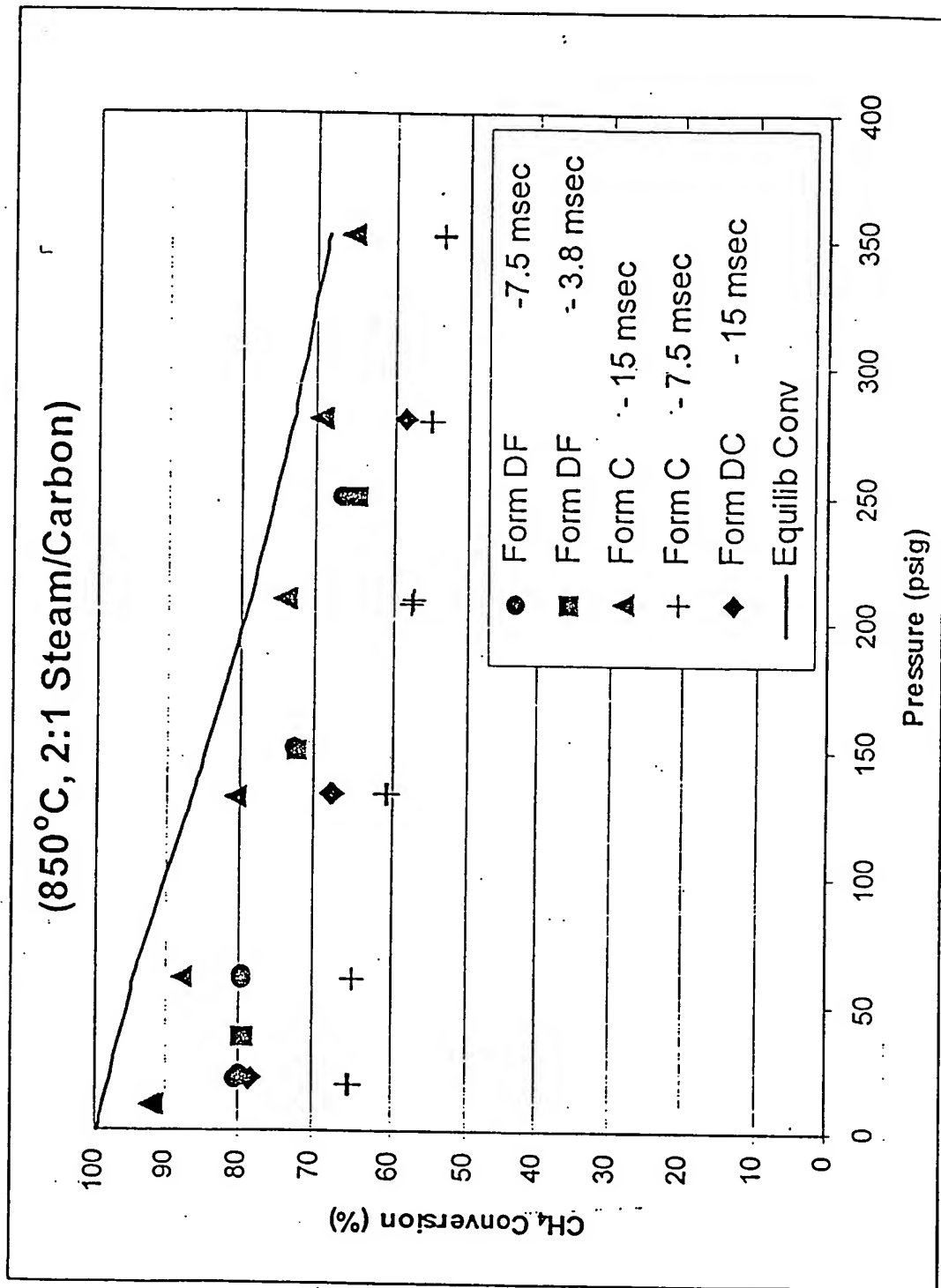


Fig. 6

25-msec CT,  $H_2O:CH_4 = 3$

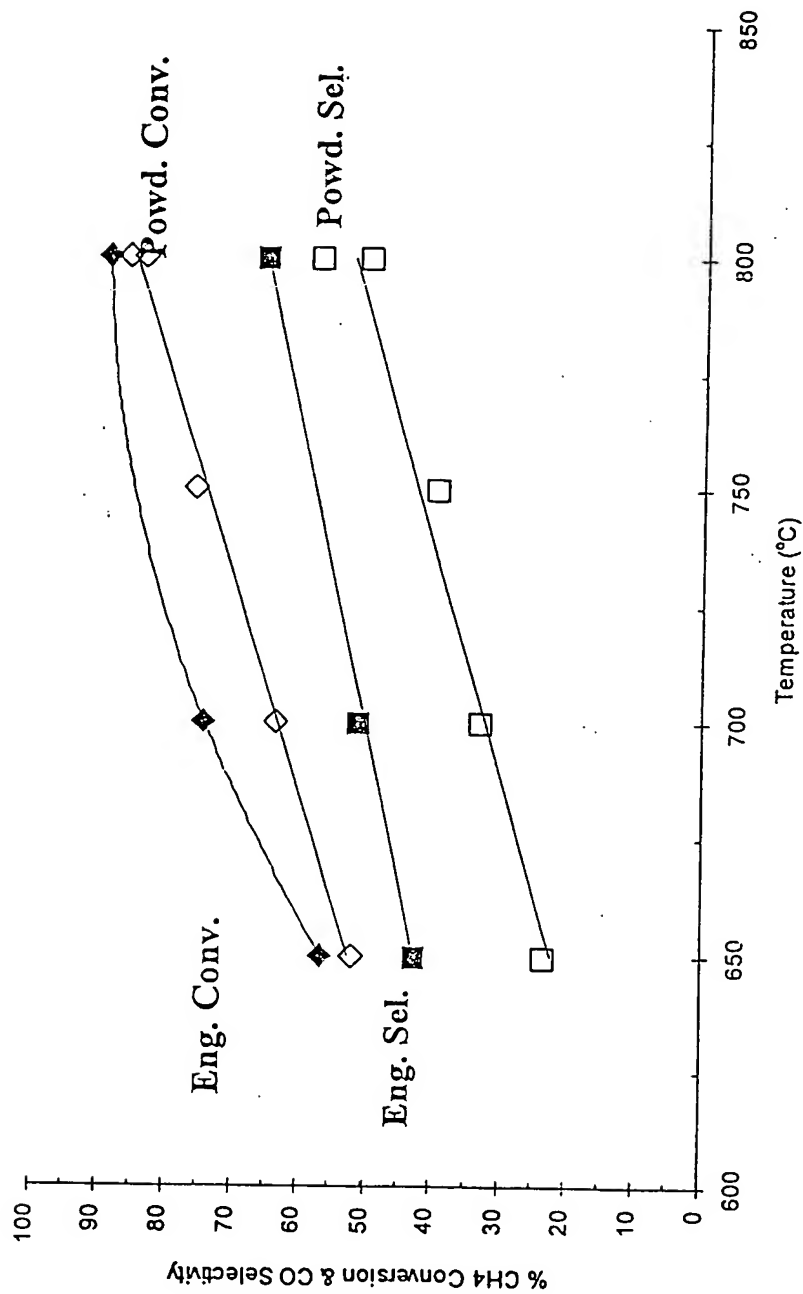


Fig. 7

Engineered Catalyst Structures  
850C Constant Bed Temp; 2:1 Steam/Carbon

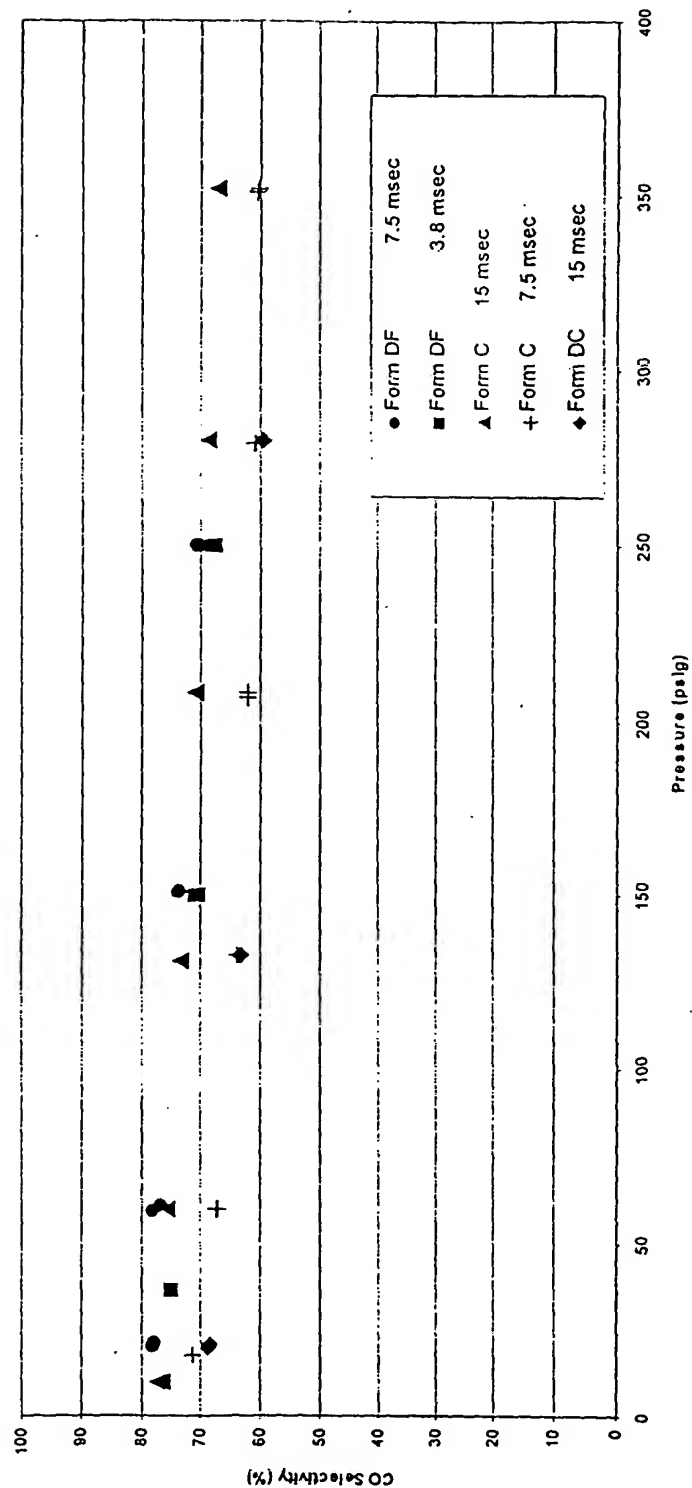
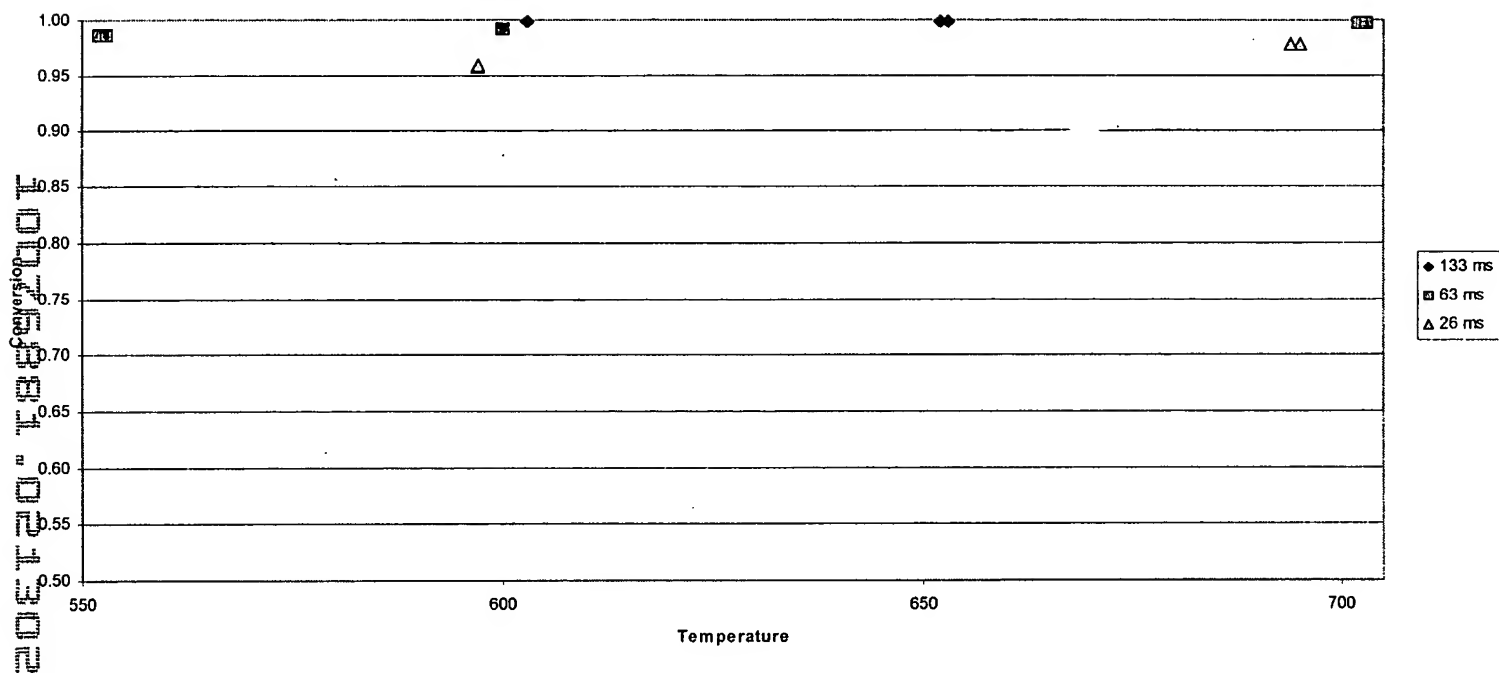


Fig. 8

# FIG. 9

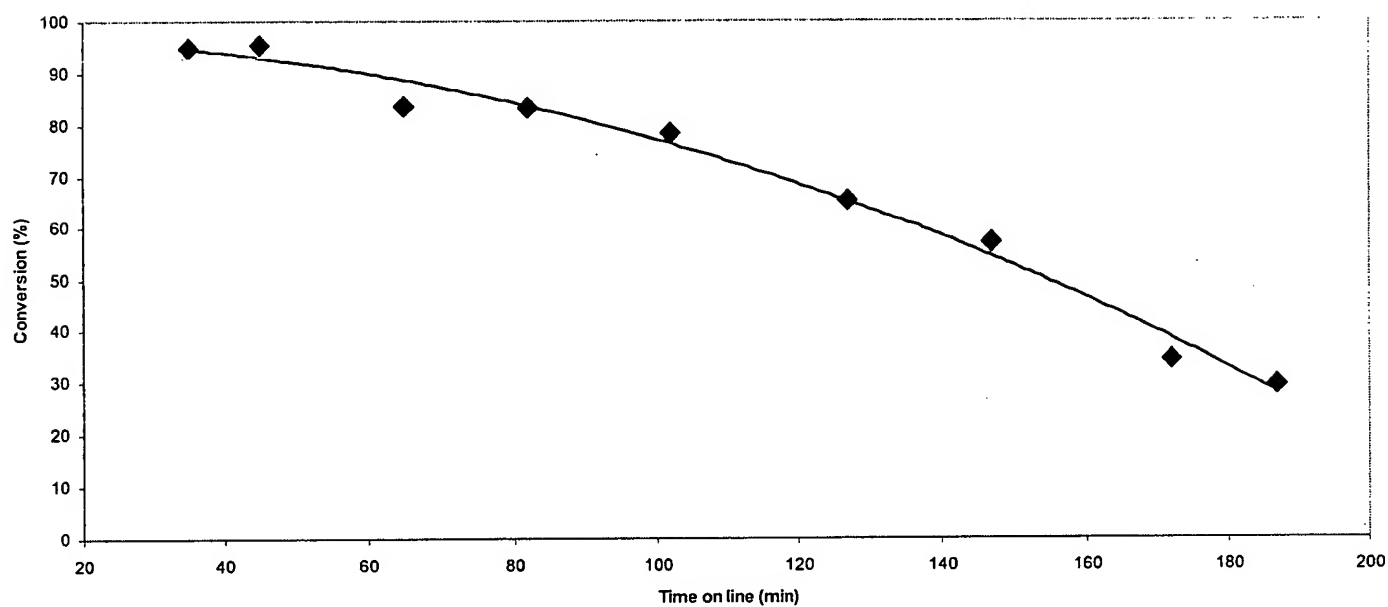
Propane Conversion





# FIG. 10

JP-8 SR  
Cat Bed Temperature 650C; 3:1 Steam to Carbon; 25 msec CT



2025T20" T889700T

2021-01-20 15:00:00

Syn Fuel SR 13814-115 powder (R1)  
(H<sub>2</sub>O:C=3)

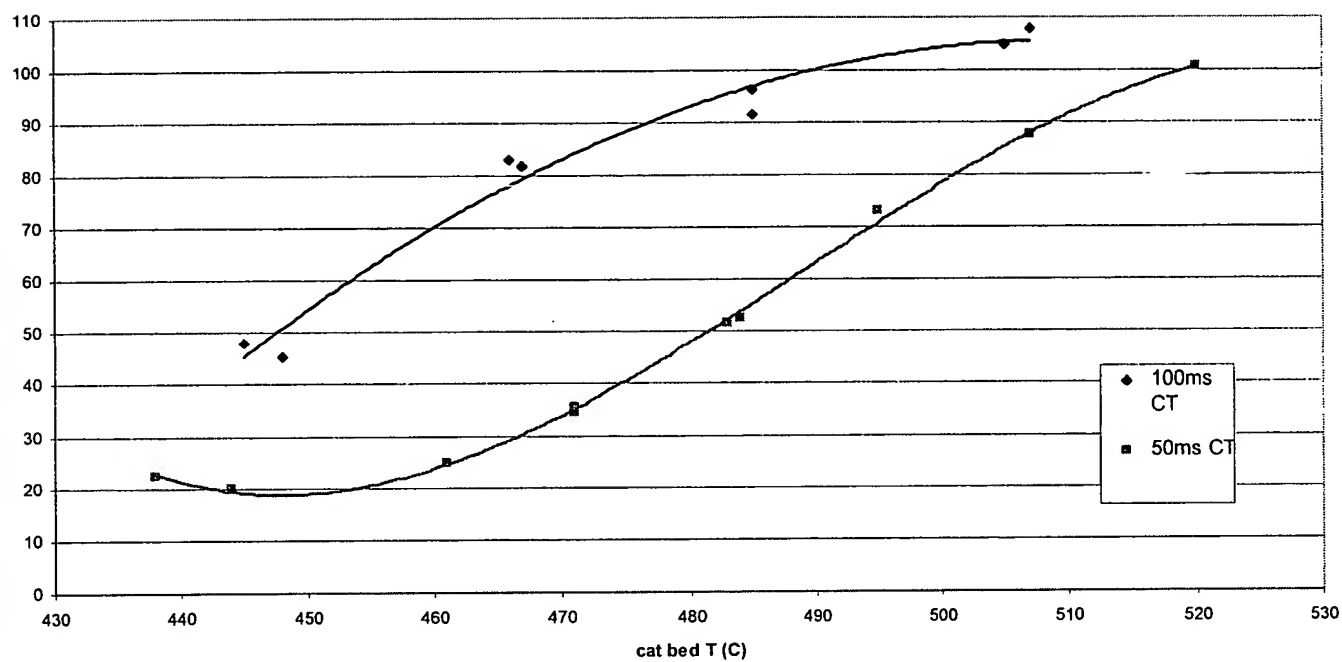


FIG. 11

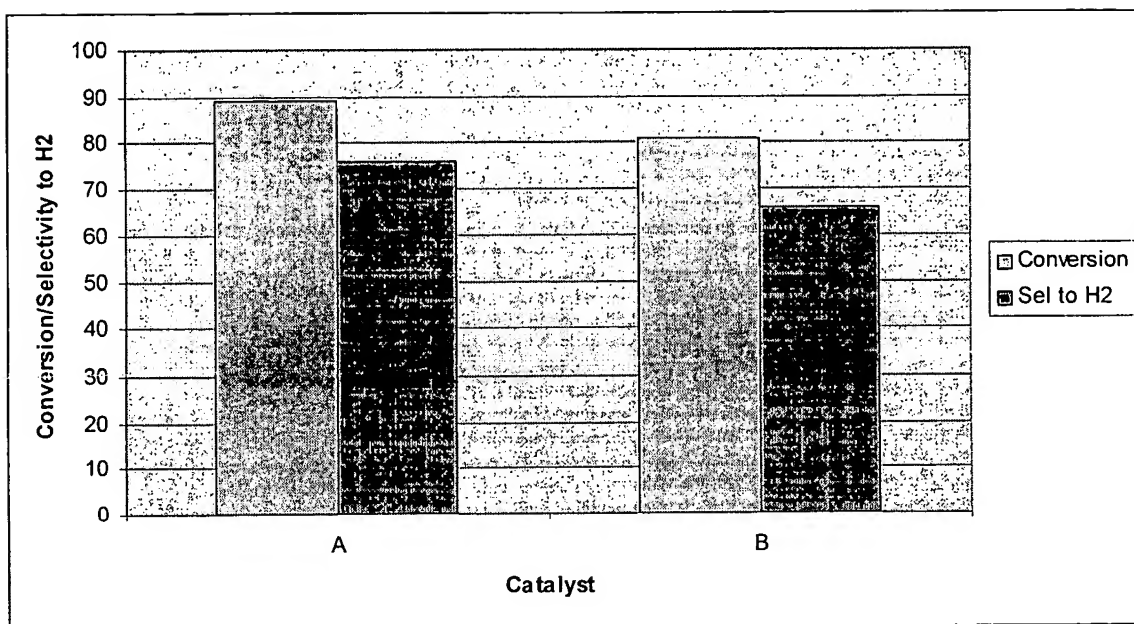


FIG. 12